

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"4615504".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/20 16:06
L2	29	("2964272"   "3464657"   "3606233"   "3701499"   "3703999"   "3952979"   "4033541"   "4101102"   "4336917"   "4363377").PN. OR ("4615504").URPN.	US-PGPUB; USPAT; USOCR	NEAR	ON	2006/06/20 16:07



## SPONSOR RESULTS

• **Damping Vibration**

[www.toseeka.com](http://www.toseeka.com) Helpful Links for Damping Vibration.

• **Machine Vibration Basics**

[www.newstandardinstitute.com](http://www.newstandardinstitute.com) Computer based training

- the physical basis for **vibration** monitoring, **vibration** analysis, and extensive problem solving examples.

1. **Vibration and Load Cell Feedback**

We are trying to use the feedback from a small "S" shaped **load** cell to measure the force applied by a piston to a sanding belt. ... **Vibration and Load Cell Feedback**. Jan 18, 2000 4:38 pm, by Art Bourdeau ... 765-4033 Mobil: (518)573-4745 Fax: (518)765-4033. Reply. **Vibration and Load Cell Feedback** ... [www.control.com/948231499/index\\_html](http://www.control.com/948231499/index_html) - 26k - Cached - More from this site - Save

2. **RWD - Vibration under load**

[Volvo RWD 200 Forum](http://Volvo RWD 200 Forum) **Vibration under load** 200 1981 ...

**Vibration under load**. posted by mbliss on Wed Mar 16 21:08 UTC 2005 ... >**Vibration under load**< posted by oleg on Fri Mar 18 01:01 UTC 2005 ...

[www.brickboard.com/RWD?id=934675](http://www.brickboard.com/RWD?id=934675) - 18k - Cached - More from this site - Save

3. **eBay Store - anti-vibration noise shake pads:**

**washing machines, front load washing machines, air compressors**

Buy washing machines and front load washing machines items from anti-vibration noise shake pads eBay Store. We also sell air compressors, industrial equipment items on eBay. ... Store home. **Vibration-Front Load Washers** (1 ... The huge washer doesn't walk and the noise and **vibration** have been greatly reduced ...

[stores.ebay.com/Kellett-Enterprises-Inc\\_W0QQcolZ4QQdirZ1QQftidZ2QQtZkm](http://stores.ebay.com/Kellett-Enterprises-Inc_W0QQcolZ4QQdirZ1QQftidZ2QQtZkm) - 32k - Cached - More from this site - Save

4. **COEN GAS BURNER UPGRADE IS SUCCESSFUL AT BELL BAY UNITS 1 & 2 (PDF)**

... eliminate boiler **vibration and load** derating at Bell Bay Units ... damage to the boiler from excessive **vibration, load** was restricted to approximately 40-MWe (80-MWe derating ... [www.coen.com/i\\_html/pdf/BellBayGasBurnerUpgd.pdf](http://www.coen.com/i_html/pdf/BellBayGasBurnerUpgd.pdf) - 196k - View as html - More from this site - Save

5. **Electromyographic response during whole-body**

[vibrations of different frequencies with progressive external loads](#) ↗

... many sport activities significant **vibration load** occurs, such as inline-skating (Thompson and Belanger 2002 ... direction or duration of **vibration loads**). Thus, it is difficult ...

[www.efdeportes.com/efd93/emg.htm](http://www.efdeportes.com/efd93/emg.htm) - 33k - [Cached](#) - [More from this site](#) - [Save](#)

6. [Hardy Instruments|Process Weighing, Scales, Load Cells and Vibration Monitoring Solutions](#) ↗

... controllers, floor and bench scales, compression **load cells**, tension **load cells**, weight transmitters ... tension controller could: • Ignore **vibration and most out-of-round conditions** ...

[www.hardyinst.com](http://www.hardyinst.com) - 34k - [Cached](#) - [More from this site](#) - [Save](#)

7. [Vibration Laboratory](#) ↗

Ball Aerospace carefully designs **vibration tests** for hardware ranging from small, delicate components up to entire spacecraft. ... commercial and government customers hire Ball Aerospace's **Vibration Laboratory** to test products ... and satellites. The **Vibration Lab** conducts **vibration, shock, load, modal survey, and** ...

[www.ballaerospace.com/fac\\_vib.html](http://www.ballaerospace.com/fac_vib.html) - 7k - [Cached](#) - [More from this site](#) - [Save](#)

8. [Services > Test and Measurement - Field Testing, Vibration, Transducers, Load Cells, Monitoring, Data Acquisition, ...](#) ↗

Integrated Test & Measurement (itm) delivering test and measurement solutions: industrial monitoring, **vibration**, test and measurement software, custom loadcell design, strain gauge services ... Measuring the operating strain and **vibration** of a cooling tower fan using a SoMat 2100 Field ...

Automotive Road Load Data Acquisition (RLDA) Proving ground Road Load Data Acquisition ...

[www.un-yah.com/services/TM](http://www.un-yah.com/services/TM) - 27k - [Cached](#) - [More from this site](#) - [Save](#)

9. [Tabletop Isolator uses active feedback control system., Kinetic Systems, Inc.](#) ↗

New Active **Vibration Isolation Tabletop System**, Kinetic Systems, Inc. ... sizes, Series 8001 Active Electronic **Vibration Isolation Platform** isolates instruments from 6 ... Hz, unit provides passive **vibration control**. **Load capacities** are 330–600 ...

[news.thomasnet.com/fullstory/454806](http://news.thomasnet.com/fullstory/454806) - 69k - [Cached](#) - [More from this site](#) - [Save](#)

10. [CHAPTER 1 FUNDAMENTAL PRINCIPLES \(PDF\)](#) ↗

... cation for helicopter sling load and explains the role of ... helicopter) because of possible differences in dynamic **vibration**, helicopter/load mass differential, and rotor wash ...

[www.quartermaster.army.mil/adfsd/PDF\\_Manuals/450-5/FM-5CH01.pdf](http://www.quartermaster.army.mil/adfsd/PDF_Manuals/450-5/FM-5CH01.pdf) - 32k - [View as html](#) - [More from this site](#) - [Save](#)

1 2 3 4 5 6 7 8 9 10

[Next](#)

vibration and load	Search
--------------------	--------

 Ask and answer the world's biggest questions on [Yahoo! Answers](#)

Copyright © 2006 Yahoo! Inc. All rights reserved. [Privacy Policy](#) - [Terms of Service](#) - [Copyright/IP Policy](#) - [Submit Your Site](#)

[Yahoo!](#) [My Yahoo!](#) [Mail](#) [Welcome, Guest](#) [\[Sign In\]](#)[Search Home](#) [Help](#)[Web](#) | [Images](#) | [Video](#) | [Audio](#) | [Directory](#) | [Local](#) | [News](#) | [Shopping](#)

vibration and load

[Answers](#) [My Web](#) [Search Services](#) | [Advanced Search](#) [Preferences](#)**Search Results**31 - 40 of about 2,190,000 for **vibration and load** - 0.13 sec. ([About this page](#))

 [Yahoo! Answers](#) - Can't find what you're looking for? Try [Yahoo! Answers](#).  
[answers.yahoo.com](#)

31. [Truck is in for howl from rear end! - Ford Truck Enthusiasts Forums](#) 

- Ford Truck Enthusiasts, Ford F150 and other Ford truck and suv resources and community. ... had replaced a pinion ring and gear but found a **vibration** under load when testing it out ... pinion ring and gear but found a **vibration** under load  
[www.fordtrucks.com/forums/showthread.php?t=296509](http://www.fordtrucks.com/forums/showthread.php?t=296509) - 77k -  
[Cached](#) - [More from this site](#) - [Save](#)

32. [Active Vibration Isolation System for Launch Load Alleviation \(PDF\)](#) 

Active Vibration Isolation System for Launch Load Alleviation.  
Michael E. Evert, Paul C. Janzen, Eric H. Anderson. CSA Engineering, Inc. 2565 Leghorn Street, Mountain View, California. Charlotte Gerhart and B. Kyle Henderson. Air Force Research Laboratory. [www.csaeengineering.com/techpapers/technicalpaperpdfs/CSA2004\\_Valpe.pdf](http://www.csaeengineering.com/techpapers/technicalpaperpdfs/CSA2004_Valpe.pdf) - 980k - [View as html](#) -  
[More from this site](#) - [Save](#)

33. [Chapter 6: Leaning Arches with Pinned Bases \(PDF\)](#)

 ... For the half snow **load**, positive longitudinal deflections are in the negative x direction, while for wind loads ... At the final load the first vibration frequency is 0.07 rad/sec  
[www.ars.usda.gov/ARSUserFiles/40103400/Chapter6.pdf](http://www.ars.usda.gov/ARSUserFiles/40103400/Chapter6.pdf) - 1261k - [View as html](#) - [More from this site](#) - [Save](#)

34. [Muse Measurements - Dampened/High Vibration Load Cells](#) 

For more information on a product, click on the particular image below to view the technical data sheet for that product. Technical data sheets are in Adobe pdf. format. You must have Adobe® Acrobat Reader Version 7.0 to view files. ...  
Dampened/High Vibration Load Cells. Load cell specifications are subject to change without notice ... Use for a wide spread [www.musemeasurements.com/](http://www.musemeasurements.com/)  
[Specs\\_Dampened\\_High\\_Vibration.htm](#) - 17k - [Cached](#) - [More from this site](#) - [Save](#)

35. [Anti-vibration device \(US4615504\)](#) 

... and work surfaces may be isolated from vibration effects by, coupling them to a **vibration damping device** ... Westinghouse Electric Corp. **Vibration isolation load support apparatus** ... [www.delphion.com/details?pn=US04615504](http://www.delphion.com/details?pn=US04615504) - 72k - [Cached](#) - [More from this site](#) - [Save](#)

36. [351W Vibration....:\( - Club Cobra](#) 

351W Vibration....:( Small Block Talk ... Anyways have a **vibration** that comes in @ 1500 RPM or so and seems to clear up around 2200 ... there is somewhat of a **vibration** under **load**.... One more thing is ... [www.clubcobra.com/t63411.html](http://www.clubcobra.com/t63411.html) - 77k - [Cached](#) - [More from this site](#) - [Save](#)

37. [VWvortex Forums: Intense vibration w/ any load and NO power!](#) 

Volkswagen Enthusiast Discussion Forums [forums.vwvortex.com/zerothread?id=2015078](http://forums.vwvortex.com/zerothread?id=2015078) - 62k - [Cached](#) - [More from this site](#) - [Save](#)

38. [KINETICS \(PDF\)](#) 

... module independent of the **vibration isolator load and** deflection requirements ensures a custom, no-compro- mise fit for restraint **and vibration** control. This modular ... [www.kineticsnoise.com/hvac/pdf/model\\_fms.pdf](http://www.kineticsnoise.com/hvac/pdf/model_fms.pdf) - 558k - [View as html](#) - [More from this site](#) - [Save](#)

39. [Acceptable Vibration Levels for Pellet Dryers LDPE Plant](#) 

... acceptable **vibration** levels for vertical pellet dryers after balancing (just overhauled, no **load** condition) and alarm and danger levels at full **load** condition ... [maintenanceforums.com/eve/ubb.x/a/tpc/f/.../773109362/xsl/print\\_topic](http://maintenanceforums.com/eve/ubb.x/a/tpc/f/.../773109362/xsl/print_topic) - 5k - [Cached](#) - [More from this site](#) - [Save](#)

40. [Modeling, Modal Properties, and Mesh Stiffness Variation Instabilities of Planetary Gears \(PDF\)](#) 

... weight ratio, diminished loads on shafts bearings, and reduced noise **and vibration** due to ... showed some peculiar behavior of planetary gear **vibration** regarding **load** sharing ... [gltrs.grc.nasa.gov/reports/2001/CR-2001-210939.pdf](http://gltrs.grc.nasa.gov/reports/2001/CR-2001-210939.pdf) - 3232k - [View as html](#) - [More from this site](#) - [Save](#)

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

vibration and load

 [Search](#)



Yahoo! Answers: [Search questions and answers](#)

[Sign in](#)



[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)

"transient vibration" and "load"

[Advanced Search](#)

[Preferences](#)

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

**Web**

Results 1 - 10 of about 827 for **"transient vibration" and "load"**. (0.53 seconds)

### [Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

Transient Vibration Prediction for Rotors on Ball Bearings ... forces (accounting for non-linear speed and load dependent bearing stiffness) as compared to ...  
[gltrs.grc.nasa.gov/cgi-bin/GLTRS/browse.pl?2002/TM-2002-211829.html](http://gltrs.grc.nasa.gov/cgi-bin/GLTRS/browse.pl?2002/TM-2002-211829.html) - 6k -  
[Cached](#) - [Similar pages](#)

### [Transient Vibration Analysis of Open Circular Cylindrical Shells ...](#)

KrausH., and KalninsA., 1965, "Transient Vibration of Thin Elastic Shells," "Transient ...  
Transient response of open cylindrical shells: (a) load type, ...  
[link.aip.org/link/?JVACEK/128/366/1](http://link.aip.org/link/?JVACEK/128/366/1) - [Similar pages](#)

### [\[PDF\] COMBINATION METHODS FOR DERIVING STRUCTURAL DESIGN LOADS ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
Common practice is to use 3 times the RMS (3 sigma) as the peak load prediction. ...  
**Transient vibration.** 0. 60. Coupled transient. MAC. 2. Mechanically ...  
[klabs.org/DEI/References/design\\_guidelines/design\\_series/1211.pdf](http://klabs.org/DEI/References/design_guidelines/design_series/1211.pdf) - [Similar pages](#)

### [Technical Report No.6](#)

It is clear that the damping ratio of the mechanical system is increased and the settling time of the **transient vibration** of the load can be reduced down to ...  
[www.sanyodenki.co.jp/techrepo/6e/ep09.html](http://www.sanyodenki.co.jp/techrepo/6e/ep09.html) - 23k - [Cached](#) - [Similar pages](#)

### [\[PDF\] Case Studies on Paper Machine Vibration Problems](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
Label: #1 Before **Transient Vibration**. Route Spectrum. 14-NOV-01 12:49:05.  
OVRALL = .1091 V-DG. PK = .1086. LOAD = 100.0. RPM = 578. RPS = 9.63 ...  
[www.bretech.com/Reference/Case%20Studies%20on%20Paper%20Machine%20Vibration%20Problems.pdf](http://www.bretech.com/Reference/Case%20Studies%20on%20Paper%20Machine%20Vibration%20Problems.pdf) - [Similar pages](#)

### [TURBINE-PAK NONLINEAR - the software for comprehensive vibration ...](#)

Modelling changes in **transient vibration** due to parameter change ... Chalko TJ, Li DX,  
Modelling Turbine Vibration in Terms of its Load Variation, ...  
[sci-e-research.com/tpaknl.html](http://sci-e-research.com/tpaknl.html) - 15k - [Cached](#) - [Similar pages](#)

### [Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

David P. Fleming and JV Poplawski, **Transient Vibration Prediction for Rotors on Ball Bearings Using Load-Dependent Nonlinear Bearing Stiffness**, ...  
[www.hindawi.com/GetArticle.aspx?Doi=10.1155/S1023621X0400048X&e=CTA](http://www.hindawi.com/GetArticle.aspx?Doi=10.1155/S1023621X0400048X&e=CTA) - 15k -  
[Cached](#) - [Similar pages](#)

### [\[PDF\] Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

File Format: PDF/Adobe Acrobat  
**Transient Vibration Prediction for Rotors.** on Ball Bearings Using Load-Dependent. Nonlinear Bearing Stiffness. David P. Fleming. NASA Glenn Research Center, ...  
[taylorandfrancis.metapress.com/index/VKFMBC79R7NHU3VF.pdf](http://taylorandfrancis.metapress.com/index/VKFMBC79R7NHU3VF.pdf) - [Similar pages](#)

### [500 level courses](#)

Free, forced, and **transient vibration** of single and multi-degrees of freedom ... of steel structures based on load and resistance factor design method. ...

[www.ce.pdx.edu/500.shtml](http://www.ce.pdx.edu/500.shtml) - 27k - [Cached](#) - [Similar pages](#)

### Machinery Vibration

... showing **transient vibration** problems. Defect shown not to be due to loose rotor bars but more likely a result of mechanical/load related problem. ...

[www.rtagroup.com.au/sd/machinery\\_vibration.html](http://www.rtagroup.com.au/sd/machinery_vibration.html) - 18k - [Cached](#) - [Similar pages](#)

Try your search again on [Google Book Search](#)

**Gooooooooooooogle ►**

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)
[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Maps](#) [more »](#)


[Advanced Search](#)
[Preferences](#)

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

**Web**

Results 1 - 10 of about 827 for **"transient vibration" and "load"**. (0.53 seconds)

### [Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

**Transient Vibration Prediction for Rotors on Ball Bearings ...** forces (accounting for non-linear speed and load dependent bearing stiffness) as compared to ...

[gltrs.grc.nasa.gov/cgi-bin/GLTRS/browse.pl?2002/TM-2002-211829.html](http://gltrs.grc.nasa.gov/cgi-bin/GLTRS/browse.pl?2002/TM-2002-211829.html) - 6k -

[Cached](#) - [Similar pages](#)

### [Transient Vibration Analysis of Open Circular Cylindrical Shells ...](#)

KrausH., and KalninsA., 1965, "Transient Vibration of Thin Elastic Shells," "Transient ...

Transient response of open cylindrical shells: (a) load type, ...

[link.aip.org/link/?JVACEK/128/366/1](http://link.aip.org/link/?JVACEK/128/366/1) - [Similar pages](#)

### [\[PDF\] COMBINATION METHODS FOR DERIVING STRUCTURAL DESIGN LOADS ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Common practice is to use 3 times the RMS (3 sigma) as the peak load prediction. ...

**Transient vibration.** 0. 60. Coupled transient. MAC. 2. Mechanically ...

[klabs.org/DEI/References/design\\_guidelines/design\\_series/1211.pdf](http://klabs.org/DEI/References/design_guidelines/design_series/1211.pdf) - [Similar pages](#)

### [Technical Report No.6](#)

It is clear that the damping ratio of the mechanical system is increased and the settling time of the **transient vibration** of the load can be reduced down to ...

[www.sanyodenki.co.jp/techrepo/6e/ep09.html](http://www.sanyodenki.co.jp/techrepo/6e/ep09.html) - 23k - [Cached](#) - [Similar pages](#)

### [\[PDF\] Case Studies on Paper Machine Vibration Problems](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Label: #1 Before Transient Vibration. Route Spectrum. 14-NOV-01 12:49:05.

OVRALL = .1091 V-DG. PK = .1086. LOAD = 100.0. RPM = 578. RPS = 9.63 ...

[www.bretech.com/Reference/Case%20Studies%20on%20Paper%20Machine%20Vibration%20Problems.pdf](http://www.bretech.com/Reference/Case%20Studies%20on%20Paper%20Machine%20Vibration%20Problems.pdf) - [Similar pages](#)

### [TURBINE-PAK NONLINEAR - the software for comprehensive vibration ...](#)

Modelling changes in **transient vibration** due to parameter change ... Chalko TJ, Li DX, Modelling Turbine Vibration in Terms of its Load Variation, ...

[sci-e-research.com/tpaknl.html](http://sci-e-research.com/tpaknl.html) - 15k - [Cached](#) - [Similar pages](#)

### [Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

David P. Fleming and JV Poplawski, **Transient Vibration Prediction for Rotors on Ball Bearings Using Load-Dependent Nonlinear Bearing Stiffness**, ...

[www.hindawi.com/GetArticle.aspx?Doi=10.1155/S1023621X0400048X&e=CTA](http://www.hindawi.com/GetArticle.aspx?Doi=10.1155/S1023621X0400048X&e=CTA) - 15k - [Cached](#) - [Similar pages](#)

### [\[PDF\] Transient Vibration Prediction for Rotors on Ball Bearings Using ...](#)

File Format: PDF/Adobe Acrobat

**Transient Vibration Prediction for Rotors on Ball Bearings Using Load-Dependent Nonlinear Bearing Stiffness.** David P. Fleming, NASA Glenn Research Center, ...

[taylorandfrancis.metapress.com/index/VKFMBC79R7NHU3VF.pdf](http://taylorandfrancis.metapress.com/index/VKFMBC79R7NHU3VF.pdf) - [Similar pages](#)

### [500 level courses](#)

Free, forced, and **transient vibration** of single and multi-degrees of freedom ... of steel structures based on load and resistance factor design method. ...

[www.ce.pdx.edu/500.shtml](http://www.ce.pdx.edu/500.shtml) - 27k - [Cached](#) - [Similar pages](#)

**Machinery Vibration**

... showing **transient vibration** problems. Defect shown not to be due to loose rotor bars but more likely a result of mechanical/**load** related problem. ...

[www.rtagroup.com.au/sd/machinery\\_vibration.html](http://www.rtagroup.com.au/sd/machinery_vibration.html) - 18k - [Cached](#) - [Similar pages](#)

Try your search again on [Google Book Search](#)

Google ►

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google